

इंटरनेट

मानक

### Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

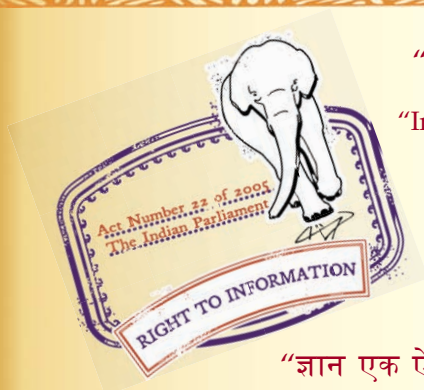
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5106 (1969): Twist Drills, Taper Square Shanks for  
Carpenter's Braces [PGD 32: Cutting tools]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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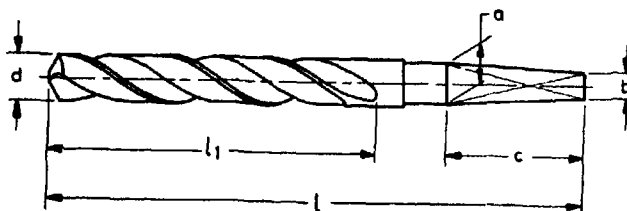


## Indian Standard

## SPECIFICATION FOR TWIST DRILLS, TAPER SQUARE SHANKS FOR CARPENTER'S BRACES

1. Scope — Dimensions and requirements for twist drills with taper square shanks for use in carpenter's braces.

## 2. Dimensions



Size of shank  $a \times b \times c = 9.5 \times 5.6 \times 31.8$  mm for all sizes.

All dimensions in millimetres

$\frac{d}{h8}$	$l_1$	$l$	$\frac{d}{h8}$	$l_1$	$l$
1.5	18	68	11.0	94	144
2.0	24	74	12.0	101	151
2.5	30	80	13.0	101	151
3.0	33	83	14.0	108	158
3.5	39	89	15.0	114	164
4.0	43	93	16.0	120	170
5.0	52	102	17.0	125	175
6.0	57	107	18.0	130	180
7.0	69	119	19.0	135	185
8.0	75	125	20.0	140	190
9.0	81	131			
10.0	87	137			

3. Designation — A twist drill for carpenter's braces with 8.00 mm diameter, conforming to this standard and made from carbon steel (CS) shall be designated as.

Twist Drill 8.00 IS : 5106 CS.

## 4. General Requirements

4.1 'Tool type', unless otherwise specified: N according to IS : 5099-1969.

4.2 The detailed dimensions of point and cutting angles shall be at the discretion of the manufacturer (see also IS : 5099-1969 for recommendation regarding tool types).

4.3 The diameter  $d$  shall be measured as near the point as practicable.

4.4 Run out on diameter over the entire flute length: 0.20 mm, maximum.

4.5 Other requirements according to IS : 5099-1969.

Adopted 6 February 1969

(C) January 1970 BIS

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BUREAU OF INDIAN STANDARDS  
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG  
NEW DELHI 110002

**AMENDMENT NO. 1 DECEMBER 1996  
TO  
IS 5106 : 1969 SPECIFICATION FOR TWIST  
DRILLS, TAPER SQUARE SHANKS FOR  
CARPENTER'S BRACES**

( *Page 1, clauses 4.1, 4.2, and 4.5* ) --- Substitute 'IS 5099 : 1983' for  
'IS 5099 : 1969'

( *Page 1, clause 4.4* ) --- Substitute the following for the existing clause  
'4.4 Tolerance on flute length and overall length shall be  $\pm 5$  mm '

( PE 10 )

Reprography Unit BIS, New Delhi, India